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qBittorrent

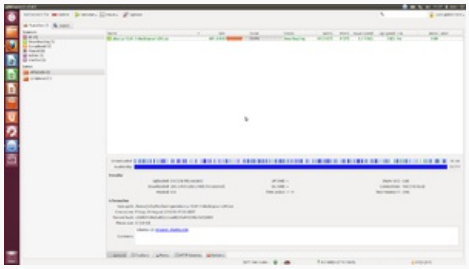
From Wikipedia, the free encyclopedia

qBittorrent is a free software cross-platform BitTorrent client. The program uses libtorrent-rasterbar library for the torrent back-end (network communication) functionality.

qBittorrent is written in the C++ programming language (utilizing the Boost C++ libraries) and thus is a native application that runs directly on the hardware, it also uses the Qt framework (version 4.8 as of qBittorrent 3.1.8). Its optional search engine is written in the Python programming language yet a user not willing to install Python can choose not to use the search functionality.

It aims to have a small foot-print, to be powerful, intuitive and visually attractive going beyond the current functions widely provided by other applications. qBittorrent is an attempt to provide a µTorrent equivalent that is open-source and multi-platform adding a streaming-like function to let users download-and-play video files.[*citation needed*] qBittorrent currently offers functionality comparable to other BitTorrent clients such as Vuze but without requiring the Java Virtual Machine. qBittorrent requires Python only for the search engine while other clients such as Deluge and BitTornado require it for the BitTorrent protocol itself. For its BitTorrent and uTP implementation, qBittorrent uses the Rasterbar libtorrent library, which is itself written in C++.

qBittorrent



qBittorrent 3.0.5 maximized on Ubuntu 12.04

Developer(s)	Sledgehammer999,[1] Christophe Dumez, Ishan Arora, Stefanos Antaris, Mohamadad Dib[2]
Initial release	March 2006; 8 years ago
Stable release	3.1.9 (March 1, 2014; 2 months ago) [±][3]
Preview release	N/A [±][4]
Written in	C++ (Qt)[5]
Operating system	FreeBSD, Linux, Mac OS X, OS/2, Windows
Available in	35 languages[6]
Type	BitTorrent client
License	GPLv2+[7]
Website	qbittorrent.org

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History [edit]

This section requires expansion. *(June 2012)*

qBittorrent was originally developed in March 2006 by Christophe Dumez,[2] from the University of Technology of Belfort-Montbeliard in France.

It is now developed by contributors from all over the world,[1] led by Sledgehammer999 from Greece, who became the current project maintainer in June 2013.[8]

Features [edit]

Some of the features present in qBittorrent include:

- Sequential downloading (stream torrent media files)
- Unicode support, availability in 35 languages[6]
- Cross platform (Windows, Linux, Mac OS X)
- Integrated torrent search engine
- Integrated RSS feed reader and downloader
- DHT, PeX, Encryption, LSD, UPnP, NAT-PMP, µTP
- Torrent queuing, filtering and prioritizing
- Bandwidth scheduler
- IP filtering (eMule dat files or PeerGuardian files)

- IPv6 compliant
- Control over torrent trackers
- Torrent creation tool
- Remote control through Secure Web User Interface

Versions [edit]

qBittorrent is cross-platform, available on Linux, Mac OS X, Windows, OS/2, FreeBSD.

As of September 2012, downloads on SourceForge indicate the Windows version of the application was the most popular of all platforms that qBittorrent supports. SourceForge statistics report that 89% of downloads were for the Windows version of the software.[9]

Packages for different Linux distributions are available, though most are provided through official channels by the distributions themselves.[10]

See also [edit]

- Comparison of BitTorrent clients
- Usage share of BitTorrent clients

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References [edit]

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8. ^ "qBittorrent is under a new maintainer." . *qBittorrent official forums*.
9. ^ "Download Statistics: All Files" . *SourceForge*.
10. ^ "Download" , *qBittorrent.org*

External links [edit]

- Official website
- Official wiki
- Official bug tracker
- Source code
- qBittorrent fingerprint / peerId

Wikimedia Commons has media related to *QBittorrent*.

v· t· e·	BitTorrent
Companies	BitTorrent, Inc. · Vuze, Inc. ·
People	Eric Klinker · Bram Cohen · Ashwin Navin · Ross Cohen ·
Technology	Broadcatching · Distributed hash tables · DNA · index · Peer exchange · Protocol encryption · Super-seeding · Tracker · Vocabulary · Torrent file · µTP ·
Clients (comparison, usage share)	BitTorrent (original client) · BitComet · BitSpirit · BitTornado · Deluge · FrostWire · KTorrent · LimeWire · Miro · MLDonkey · **qBittorrent** · rTorrent · Shareaza · Transmission · Tribler · µTorrent · Vuze (formerly Azureus) · Xunlei · libtorrent (library) ·
Tracker software (comparison)	opentracker · PeerTracker · XBT Tracker · EasyTracker ·
Open Trackers	OpenBitTorrent · PublicBitTorrent ·
Search engines (comparison)	BTDigg · Burnbit · Demonoid · d2 · EZTV · KickassTorrents · Mininova · Seedpeer · The Pirate Bay · Torrentz · yourBittorrent · YouTorrent · What.CD · BitSnoop ·
Defunct websites	isoHunt · FlixFlux · BTJunkie · LokiTorrent · OiNK · TorrentSpy · Suprnova · BitGamer ·
Related topics	aXXo · BitTorrent Open Source License · MPAA · Peer Media Technologies · TorrentFreak · Slyck.com ·

v· t· e·		Peer-to-peer file sharing
Networks and protocols	Centralized	Advanced Direct Connect · Audiogalaxy · CuteMX · Direct Connect · Napster · Opennap · Soribada · Soulseek ·
	Decentralized	Advanced Direct Connect · Ares · BitTorrent · eDonkey · FastTrack · Freenet · GNUnet · Gnutella · Gnutella2 · I2P · Kad · Kazaa · Morpheus · OpenFT · Overnet · Tribler · WASTE · WinMX ·
Comparisons of clients		Advanced Direct Connect · BitTorrent · Direct Connect · eDonkey · gnutella · Gnutella2 ·

Hyperlinks	eD2k · Magnet · Metalink ·	
Uses	Broadcatching · Music download · Photo sharing · Disk sharing · Peercasting · Web hosting (freesite) ·	
Concepts	**Privacy**	Friend-to-friend · Darknet · Open Music Model · Anonymous P2P · Private P2P ·

Categories: 2006 software | Free BitTorrent clients | Free file sharing software | Free software programmed in C++ | File sharing software that uses Qt | BitTorrent clients for Linux | OS X file sharing software | Windows file sharing software

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